

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 1 of 1

Complete if Known

Application Number	10/627,584
Filing Date	July 25, 2003
First Named Inventor	Poling, Steven
Group Art Unit	1745
Examiner Name	Unknown
Attorney Docket No: 900.186US1	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
<i>PM</i>	WO-0045447A2	08/03/2000	Haile, Sossina M., et al.	H01 M	—	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴
<i>PM</i>		KREBS, BERNT, et al., "Thio-hydroxoanionen des Germaniums: Darstellung, Struktur und Eigenschaften von Na ₂ GeS ₂ (OH) ₂ · 5 H ₂ O; Thio-hydroxo Anions of Germanium: Preparation, Structure and Properties of Na ₂ GeS ₂ (OH) ₂ · 5 H ₂ O", <u>Z. Naturforsch., B: Anorg. Chem., Org. Chem.</u> , 36B(11), (1981), 1400-6 (German language with English Abstract)	
<i>PM</i>		KREBS, BERNT, "Thio-Hydroxogermanates: a novel type of mixed tetrahedral anions", <u>Inorg. Chim. Acta</u> , 54-4, (1981), L123-L124	

EXAMINER

Gray N. Smith

DATE CONSIDERED

3/17/2005

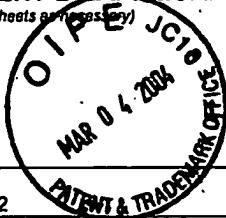
Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 806. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

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Sheet 1 of 2

Attorney Docket No: 900.186US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
<i>MA</i>	US-4,439,411	03/27/1984	Manganaro, James L., et al.	423	560	01/22/1981

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<i>MA</i>		ABE, YOSHIHIRO, et al., "Electrical conduction due to protons and alkali-metal ions in oxide glasses", <u>Physical Review B (Condensed Matter)</u> , 48(21), (December 1, 1993),15621-5	
<i>MA</i>		ABE, YOSHIHIRO, et al., "Protonic conduction in alkaline earth metaphosphate glasses containing water", <u>Journal of Non-Crystalline Solids</u> , 51(3), (November 1982),357-65	
<i>MA</i>		ANGELL, C A., "Mobile Ions in Amorphous Solids", <u>Annual Review of Physical Chemistry</u> , 43, (October 1992),693-717	
<i>MA</i>		BLOMEN, L. ET AL., EDS., "Fuel Cell Systems", <u>Copyright 1993, Plenum Press, New York</u> , ISBN 0-306-44158-6,(1993),xi-xix, 37-69	
<i>MA</i>		BOOLCHAND, P, et al., "Structure of GeS/sub 2/ glass: spectroscopic evidence for broken chemical order", <u>Physical Review B (Condensed Matter)</u> , 33(8), (April 15, 1986),5421-34	
<i>MA</i>		CHO, J, et al., "Infrared spectroscopy study of xRb/sub 2/S+(1-x)B/sub 2/S/sub 3/ glasses and polycrystals in the range 0", <u>Physics and Chemistry of Glasses</u> , 36(6), (December 1995),239-43	
<i>MA</i>		JULIEN, C., et al., "Solid State Batteries: Materials Design and Optimization", <u>Copyright 1994, Kluwer Academic Publishers</u> , ISBN 0-7923-9460-7,(1994),v-viii, 97-175, 183-277	
<i>MA</i>		KAESAER, J A., "Hydrosulfides of Group I and Group II Metals", <u>Inorganic Chemistry</u> 12, (1973),3019-3020	
<i>MA</i>		KAMITSOS, E I., et al., "Structure and optical conductivity of silver thiogermanate glasses", <u>Journal of Solid State Chemistry</u> , 112(2), (October 1994),255-61	
<i>MA</i>		KARTHIKEYAN, A, et al., "New method to prepare polycrystalline meta-thioboric acid, (HBS2)3.", <u>Inorganic Chemistry</u> 41, (2001),622-624	
<i>MA</i>		KAWAMOTO, YOJI, et al., "Infrared and Raman spectroscopic studies on short-range structure of vitreous GeS/sub 2/", <u>Materials Research Bulletin</u> , 17(12), (December 1982),1511-16	
<i>MA</i>		KINCS, J, et al., "Non-Arrhenius conductivity in glass: mobility and conductivity saturation effects", <u>Physical Review Letters</u> , 76(1), (January 1, 1996),70-3	

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James M. Attribled

DATE CONSIDERED

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><i>Complete if Known</i></td> </tr> <tr> <td style="width: 60%;">Application Number</td> <td>10/627584</td> </tr> <tr> <td>Filing Date</td> <td>July 25, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Poling, Steven</td> </tr> <tr> <td>Group Art Unit</td> <td>1745</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> </table>	<i>Complete if Known</i>		Application Number	10/627584	Filing Date	July 25, 2003	First Named Inventor	Poling, Steven	Group Art Unit	1745	Examiner Name	Unknown
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<i>JMS</i>		MARTIN, S W., et al., "DC and AC conductivity in wide composition range Li/sub 2/O-P/sub 2/O/sub 5/ glasses", <u>Journal of Non-Crystalline Solids</u> , 83(1-2), (June 11, 1986), 185-207	
<i>JMS</i>		MARTIN, S W., et al., "Ionic conduction in phosphate glasses", <u>Journal of the American Ceramic Society</u> , 74(8), (August 1, 1991), 1767-83	
<i>JA</i>		MARTIN, S W., et al., "Preparation of high-purity vitreous B/sub 2/S/sub 3/", <u>Journal of the American Ceramic Society</u> , 73(11), (November 1990), 3481-5	
<i>JA</i>		PPG INDUSTRIES, "Sodium Hydrosulfide", http://www.ppg.com/chm_chloralk/Bulletins/SodiumHydrosulf.pdf , (July 2002),	
<i>JA</i>		THOMAS, SHARON, et al., "Fuel Cells: Green Power", <u>Los Alamos National Laboratory, U.S. Department of Energy</u> , Publication number, LA-UR-99-3231, (1999), 1-36	
<i>JA</i>		WILLARD, H H., et al., "The preparation and properties of potassium thiogermante and thiogermanic acid", <u>Journal of the American Chemical Society</u> 65, (1943), 1887-1889	

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James N. Smith

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